

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(Currently Amended). A diagnostic specimen system comprising a population of biomedical specimen collection ~~vessel~~ vessels, each having a ~~and a tamper-indicating,~~ wireless electronic memory tag attached to the vessel for non-contact storage and retrieval of information, wherein the population includes a members located at a vessel distribution facility, a specimen collection facility, and a specimen testing laboratory.

2.(Currently Amended). A diagnostic specimen system as claimed in claim 1 wherein ~~the~~ each electronic memory tag includes a radio frequency transponder.

3.(Currently Amended). A diagnostic specimen system as claimed in claim 1 wherein ~~the~~ each electronic memory tag contains stored data including an identification code for the vessel.

4.(Currently Amended). A diagnostic specimen system as claimed in claim 3 further including a label imprinted with a bar code attached to each vessel, the bar code identifying the vessel.

5.(Currently Amended). A diagnostic specimen system as claimed in claim 1 wherein ~~the~~ each electronic memory tag contains stored data including the identity of a supplier of the container and product information about the vessel.

6.(Currently Amended). A diagnostic specimen system as claimed in claim 1 wherein ~~the~~ an electronic memory tag contains stored data including identifying information about a specimen contained in the vessel and about the specimen donor.

7.(Currently Amended). A diagnostic specimen system as claimed in claim 6 wherein ~~the~~ an electronic memory tag contains stored data further including definition of the analytical tests to be performed on the specimen in the vessel.

8.(Currently Amended). A diagnostic specimen system comprising:
a population of collection vessel vessels, each having a ~~and a tamper-indicating,~~
wireless electronic memory tag attached to the vessel including a radio frequency transponder for non-contact storage and retrieval of information, wherein the population includes members located at a vessel distribution facility, a specimen collection facility, and a specimen testing laboratory;

data stored on ~~the~~ an electronic memory tag including an identification code for the vessel, the identity of the supplier of the vessel and product information about the vessel, identifying information about a specimen contained in the vessel and about the specimen donor, and definition of the analytical tests to be performed on the specimen in the vessel; and
a label imprinted with an identifying bar code attached to each vessel.

9.(Currently Amended). A toxicology specimen system comprising a population of collection vessel vessels, each configured to receive and contain a toxicology specimen and having a tamper-indicating, wireless electronic memory tag attached to the vessel for non-contact storage and retrieval of information, wherein the population includes a members located at a vessel distribution facility, a specimen collection facility, and a specimen testing laboratory.

10.(Currently Amended). A toxicology specimen system as claimed in claim 9 wherein ~~the~~ each electronic memory tag includes a radio frequency transponder.

11.(Currently Amended). A toxicology specimen system as claimed in claim 9 wherein ~~the~~ each electronic memory tag contains stored data including an identification code for the vessel.

12.(Currently Amended). A toxicology specimen system as claimed in claim 11 further including a label imprinted with an identifying bar code attached to each vessel.

13.(Currently Amended). A toxicology specimen system as claimed in claim 9 wherein ~~the~~ each electronic memory tag contains stored data including the identity of the supplier of the vessel and product information about the vessel.

14.(Currently Amended). A toxicology specimen system as claimed in claim 9 wherein ~~the~~ an electronic memory tag contains stored data including identifying information about a specimen contained in the vessel and about the specimen donor.

15.(Currently Amended). A toxicology specimen system as claimed in claim 14 wherein ~~the~~ an electronic memory tag contains stored data further including definition of the analytical tests to be performed on the specimen in the vessel.

16.(Currently Amended). A toxicology specimen system as claimed in claim 9 wherein ~~the~~ an electronic memory tag contains stored data including an encoded electronic signature of the donor of a toxicology specimen.

17.(Currently Amended). A toxicology specimen system comprising:
a population of biomedical specimen collection vessel vessels, wherein the population includes a members located at a vessel distribution facility, a specimen collection facility, and a specimen testing laboratory, each vessel having a ~~and a tamper-indicating,~~ wireless electronic memory tag attached to the vessel including a radio frequency transponder for non-contact storage and retrieval of information; data stored on the electronic memory ~~tag~~ tags including an identification code for the container, the identity of the supplier of the container and product information about the vessel, identifying information about a specimen contained in the vessel and about the specimen donor, definition of the analytical tests to be performed on the specimen in the vessel, and an encoded electronic signature of the donor of the

toxicology specimen in the vessel; and a label imprinted with an identifying bar code attached to each vessel.

18.(Currently Amended). A method for electronically storing information on a diagnostic or toxicology specimen container and remotely reading information from the container comprising:

providing a population of biomedical specimen ~~container~~ containers, each having a ~~tamper indicating~~, wireless electronic memory tag attached to the container, wherein the population includes members located at a vessel distribution facility, a specimen collection facility, and a specimen testing laboratory;

electronically storing data on ~~the~~ one of the electronic memory tags at the vessel distribution facility; and

shipping members with electronically stored data from the vessel distribution facility to the specimen collection facility; and

reading the stored information from the electronic memory tag with a non-contact electronic reader or scanner at a specimen testing laboratory.

19.(Currently Amended). A method for recording information about a diagnostic or toxicology specimen on a diagnostic or toxicology specimen container comprising:

providing a population of biomedical specimen ~~container~~ containers, each having a ~~tamper indicating~~, wireless electronic memory tag attached to the container at a vessel distribution facility;

distributing population members to at a specimen collection facility;

collecting a specimen from a donor in the specimen container at the specimen collection facility; and

electronically storing information about the specimen, donor, and/or tests to be performed on the specimen on the electronic memory tag.

20.(Currently Amended). A method as claimed in claim 19 further including collecting and storing ~~the~~ an electronic signature of the specimen donor on the electronic memory tag at the specimen collection facility.

21.(Currently Amended). A method as claimed in claim 19 further including transporting the member container with collected specimen from the specimen collection facility to a specimen testing laboratory and storing the results of the analytical tests performed on the specimen in the container on the electronic memory tag at the specimen testing laboratory.

22-37 (Cancelled)

38. (Currently Amended) A toxicology specimen system comprising a collection vessel configured to receive and contain a toxicology specimen, a tamper-indicating seal, and ~~a tamper-indicating~~, wireless electronic memory tag attached to the vessel for non-contact storage and retrieval of information wherein the electronic memory tag contains stored data including an encoded electronic signature of the donor of a toxicology specimen.

39. (Cancelled)

40. (New) A diagnostic specimen system as claimed in claim 1 further including an electronic database accessible from the specimen collection facility for storing data entered at the collection facility.

41. (New) A diagnostic specimen system as claimed in claim 40 further including an electronic network connecting the specimen collection facility to the specimen testing laboratory for transmitting data from the collection facility to the testing laboratory.

42. (New) A toxicology specimen system comprising a population of collection vessels, each configured to receive and contain a toxicology specimen and having a wireless electronic memory tag attached to the vessel for non-contact storage and retrieval of information, the memory tag containing stored data including an encoded electronic signature of the donor of a toxicology specimen, wherein the population includes a member at a vessel distribution facility, a member at a specimen collection facility, and a member at a specimen testing laboratory.

43. (New) A toxicology specimen system comprising:

a biomedical specimen collection vessel and a tamper-indicating, wireless electronic memory tag attached to the vessel including a radio frequency transponder for non-contact storage and retrieval of information;

data stored on the electronic memory tag including an identification code for the container, the identity of the supplier of the container and product information about the vessel, identifying information about a specimen contained in the vessel and about the specimen donor, definition of the analytical tests to be performed on the specimen in the vessel, and an encoded electronic signature of the donor of the toxicology specimen in the vessel; and

a label imprinted with an identifying bar code.

44. (New) A method for recording information about a diagnostic or toxicology specimen on a diagnostic or toxicology specimen container comprising:

providing a population of biomedical specimen containers, each having a wireless electronic memory tag attached to the container, wherein the population includes a member at a vessel distribution facility, a member at a specimen collection facility, and a member at a specimen testing laboratory;

collecting a specimen from a donor in the specimen container at the specimen collection facility;

electronically storing information about the specimen, donor, and/or tests to be performed on the specimen on the electronic memory tag; and

collecting and storing the electronic signature of the specimen donor on the electronic memory tag at the specimen collection facility.